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DATE: December 1, 2003

PTO IDENTIFIER: Application Number 09/851,324-Conf. #2805
Patent Number

Inventor: Kohei Tatsumi, et al.

MESSAGE TO: Exmr. N. Berezny, AU 2823

FAX NUMBER: (703) 872-9306

FROM: CONNOLLY BOVE LODGE & HUTZ LLP

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Attorney Dkt. #: 21776-00057-US

PAGES (Including Cover Sheet): 7

CONTENTS: IDS (Citation) by Applicant (1 page);
Information Disclosure Statement (2 pages);
Cited Reference (1 page);
Transmittal (1 page);
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PTO/SB/97 (12-97)

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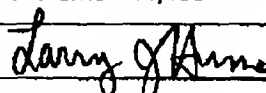
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TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number	09/851,324-Conf. #2805
		Filing Date	May 9, 2001
		First Named Inventor	Kohei Tatsumi
		Art Unit	2823
		Examiner Name	N. Berezny
Total Number of Pages in This Submission	1	Attorney Docket Number	21776-00057-US

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.62 or 1.63	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Information Disclosure Citation (1 page): Copy of cited reference (1 page)
Remarks NO FEE IS DUE WITH THIS IDS.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	CONNOLLY BOVE LODGE & HUTZ LLP Larry J. Hume - 44,163
Signature	
Date	December 1, 2003

Docket No.: 21776-00057-US
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED
CENTRAL FAX CENTERIn re Patent Application of:
Kohei Tatsumi, et al.

DEC 01 2003

Application No.: 09/851,324

Confirmation No.: 2805

Filed: May 9, 2001

Art Unit: 2823

For: SPHERICAL SEMICONDUCTOR DEVICE
AND METHOD FOR FABRICATING THE
SAME

Examiner: N. Berezny

OFFICIAL

INFORMATION DISCLOSURE STATEMENT (IDS)Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

December 1, 2003

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed responsive to the Examiner's Request for Information under 37 C.F.R. § 1.105 in the Final Official Action dated June 3, 2003.

Applicants have previously submitted a citation to the "NIKKEI MICRODEVICES" reference in the IDS filed with this Divisional application on May 9, 2001. The attached reference was previously considered in parent application serial no. 09/350,125, now issued as U.S. Patent 6,509,645B2. The Examiner was unable to locate this reference in this application, and requested that a copy be provided.

Accordingly, NO FEE IS BELIEVED TO BE DUE WITH THIS IDS, as Applicants have engaged in previous *bona fide* good-faith and timely efforts to make this reference known to the Examiner.

Application No.: 09/851,324

Docket No.: 21776-00057-US

Applicant(s) hereby petition(s) that the Information Disclosure Statement be considered.
A copy of each reference on PTO/SB/08 is attached.

A concise explanation of relevance of the item listed on form PTO/SB/08 is given below:

Spherical semiconductor elements are described in a Japanese Journal "NIKKEI MICRODEVICES" issued on July 1, 1998. Each of the spherical semiconductor elements is connected to a substrate or another spherical semiconductor element through columnar electrodes formed thereon. There is no representation of spherical conductive bumps like those in Applicants' disclosed or claimed invention.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed reference.

Although no fees are believed to be due with this IDS, if any fee is due, please charge our Deposit Account No. 22-0185 for any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 22-0185, under Order No. 21776-00057-US.

Respectfully submitted,

By


Larry J. Hume

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PTO/SB/08a/b (08-03)

Approved for use through 07/31/2003. OMB 0851-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete If Known	
				Application Number	09/851,324-Conf. #2805
				Filing Date	May 9, 2001
				First Named Inventor	Kohei Tatsumi
				Art Unit	2823
				Examiner Name	N. Berezny
				Attorney Docket Number	21776-00057-US
Sheet	1	of	1		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CA**	"Nikkei Microdevices", July 1, 1998, p. 85. (previously cited in parent appl. ser. no. 09/350,125)	

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Examiner Signature		Date Considered	
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